

CLAIMS

1. Equipment for treating open beverage containers (3), for instance filling or sealing them, comprising a treatment site (1) being fed a container (3) for purposes of treatment and being fitted with a treatment implement (2) acting from above on the mouth (6) of the container (3), further comprising slot nozzles (4) which are configured laterally of the treatment site (2) and which blow off a clean gas and are arrayed in a manner to generate a gas curtain protecting the mouth (6) of the container (3),

characterized

in that the slot nozzles (4) are configured in substantially mutually opposite air jet directions in such manner that a rammed flow is generated between the slot nozzles (4) comprising, relative to the plane of symmetry (S), upward and downward flow components that issue from the region of the slot nozzles (4), the mouths (6) of the containers (3) in the treatment position being configured in one of the flow components, the slot nozzles (4) being configured to communicate at least upward or downward with the free atmosphere.

2. Equipment as claimed in claim 1, characterized in that the plane of symmetry (S) running through the center of the nozzles is configured below the mouth (6) of the container (3) situated in the treatment position.

3. Equipment as claimed in claim 1, characterized in that the slot nozzles (4) are configured omnidirectionally in the free atmosphere.

4. Equipment as claimed in claim 1, characterized in that it comprises several treatment sites (1) configured in a row and two slot nozzles (4) running parallel to said row.

5. Equipment as claimed in claim 4, characterized in that the slot nozzles (4) are configured in mutually displaceable manner in the direction of said row.

6. Equipment as claimed in claim 1, characterized in that it comprises a clean gas room (8) wherein the containers (3) may be fed to and evacuated from one or more treatment sites, these treatment sites (1) being configured together with the treatment implements (2) outside the clean gas room (8) in front of at least one aperture (9) which comprises the slot nozzles (4) at its edge and which is part of the clean gas room (8).

7. Equipment as claimed in claim 1, characterized in that the slot nozzles (4) point obliquely upward or downward.

8. Equipment as claimed in claim 1, characterized in that it comprises screening walls (12) laterally enclosing the treatment site at each slot nozzle (4).